

20000518.qrp v01\_n825.qrl.20000518

Date: Thu, 18 May 2000 19:03:10 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1825

## QRP-L Digest 1825

Topics covered in this issue include:

- 1) [70438] Re: QRP-L CD - WL7MP Juliann is my backup May30 to June 20.  
by Phil Wheeler <w7ox@earthlink.net>
- 2) [70439] Re: Nice project case/Spoken for NN6CW  
by RangerSF5@aol.com
- 3) [70440] Glacier/Waterton Hamfest  
by Bruce Rattray <rattray@gpfn.sk.ca>
- 4) [70441] FS:MFJ 9015  
by Jerry Albertin <jalbertin@juno.com>
- 5) [70442] multiPIG  
by "Dieter \ (Diz\ ) Gentzow W8DIZ" <w8diz@cinci.rr.com>
- 6) [70443] FS: Small (QRP) circuit breakers  
by Dave Redfearn <n4elm@home.com>
- 7) [70444] Need help with NC 40-M repair  
by RangerSF5@aol.com
- 8) [70445] FS: Wilderness Sierra  
by Dave Redfearn <n4elm@home.com>
- 9) [70446] Re: QRP-L CD - WL7MP Juliann is my backup May30 to June 20.  
by Jim Larsen AL7FS <al7fs@pobox.alaska.net>
- 10) [70447] Re: QRP-L CD - WL7MP Juliann is my backup May30 to June 20.  
by Michael Bower - N4NMR <bowerm@ix.netcom.com>
- 11) [70448] Re: QRP-L CD - WL7MP Juliann is my backup May30 to June 20.  
by Phil Wheeler <w7ox@earthlink.net>
- 12) [70449] F/S: TT Argo II QRP HF XCVR  
by Patrick Armstrong <aa7fg@gte.net>
- 13) [70450] cw annunciators  
by "Michael Herman" <kc9nf@hotmail.com>
- 14) [70451] SMK-1 Item #12  
by "daveb1" <daveb1@azbz.com>
- 15) [70452] O-scope  
by tailfeathers@juno.com
- 16) [70453] RE: cw annunciators  
by Radman <radman@best.com>
- 17) [70454] QRP-L CD Version 3 - PayPal Notes  
by Jim Larsen AL7FS <al7fs@pobox.alaska.net>
- 18) [70455] Mods for the ARX XXX rigs  
by RangerSF5@aol.com
- 19) [70456] SELL: Wilderness Sierra/KC2/8 bands

- by Patrick Armstrong <aa7fg@gte.net>
- 20) [70457] HB: receiver  
by Wa3ptg@aol.com
- 21) [70458] Re: QRP-L CD Version 3 - PayPal Notes  
by Michael Bower - N4NMR <bowerm@ix.netcom.com>
- 22) [70459] mobile antennas  
by "Thaire Bryant" <tbry37@ici.net>
- 23) [70460] Re: SMK-1 Item #12  
by "daveb1" <daveb1@azbz.com>
- 24) [70461] TT-21 Tentatively Sold  
by Stanley A McIntosh <mcintos@basf-corp.com>
- 25) [70462] Re: HB: receiver  
by David Newkirk <dpnewkirk@home.com>
- 26) [70463] Re: HB: receiver  
by Steve Yates <aa5tb@yahoo.com>
- 27) [70464] QRP-L CD Version 3 - additional shipping method  
by Michael Bower <bowerm@ix.netcom.com>
- 28) [70465] Modify MRX-TT2 for other bands?  
by David Hinerman <dlh1009@ritvax.isc.rit.edu>
- 29) [70466] CW annunciators/PIC Microcontrollers  
by n4so@juno.com
- 30) [70467] F/S TT Argo II QRP HF XCVR - SOLD  
by Patrick Armstrong <aa7fg@gte.net>
- 31) [70468] loosening RCA phono jacks: Loctite or other?  
by Dan Halbert <halbert@bbn.com>
- 32) [70469] mobile ant... a whicha-ma-call-it  
by hamjoel@juno.com
- 33) [70470] Re: loosening RCA phono jacks: Loctite or other?  
by David Hinerman <dlh1009@ritvax.isc.rit.edu>
- 34) [70471] Re: OT: OTHER QRP stuff  
by "Gary Lee Phillips" <ka9nzi@arrl.net>
- 35) [70472] RE: loosening RCA phono jacks: Loctite or other?  
by "Kevin Muenzler, WB5RUE" <wb5rue@stic.net>
- 36) [70473] Re: loosening RCA phono jacks: Loctite or other?  
by Drbob92031@aol.com
- 37) [70474] Re: OT: OTHER QRP stuff  
by Phil Wheeler <w7ox@earthlink.net>
- 38) [70475] Re: mobile antennas  
by Ray Colbert <af852@rgfn.epcc.edu>
- 39) [70476] Re: OT: OTHER QRP stuff  
by "Mike Yetsko" <myetsko@insydesw.com>
- 40) [70477] Re: OT: OTHER QRP stuff  
by "Richard Brummer, K2JQ" <k2jq@bestweb.net>
- 41) [70478] [CONTEST] QRP Contesting - May 20-21  
by Ken Newman <N2CQ@citnet.com>
- 42) [70479] F.S. Soldering Station  
by Joseph Trombino Jr <joebarb@wilmington.net>
- 43) [70480] CQ World Wide WPX CW contest & QRP

by Jim Hale <kj5tf@yahoo.com>  
44) [70481] Re: OT: OTHER QRP stuff  
by Phil Wheeler <w7ox@earthlink.net>  
45) [70482] RE: loosening RCA phono jacks: Loctite or other?  
by "Ed Tanton" <n4xy@att.net>  
46) [70483] Way OT - Re: loosening RCA phono jacks: Loctite or other?  
by "Brad Hernlem" <alihernlem@hotmail.com>  
47) [70484] RE: OT: OTHER QRP stuff  
by Karl Kanalz <KKanalz@excel.com>  
48) [70485] RE: OT: OTHER QRP stuff  
by carlos.caro@lmco.com  
49) [70486] Re: OT: OTHER QRP stuff  
by Phil Wheeler <w7ox@earthlink.net>  
50) [70487] Re: mobile antennas  
by Phil Wheeler <w7ox@earthlink.net>  
51) [70488] Re: CQ World Wide WPX CW contest & QRP  
by Phil Wheeler <w7ox@earthlink.net>  
52) [70489] Piezo electric paddles  
by "Steven Weber" <kd1jv@moose.ncia.net>  
53) [70490] Re: HB: receiver  
by "Steven Weber" <kd1jv@moose.ncia.net>  
54) [70491] CQ AE9K  
by Brian Kassel <bkassel@dancris.com>  
55) [70492] Re: loosening RCA phono jacks: Loctite or other?  
by "Marshall Emm" <mgemm@mtechnologies.com>  
56) [70493] The First QRP human portable rig?  
by "Ron McConnell" <rcmcc@lucent.com>  
57) [70494] Re: OT: OTHER QRP stuff  
by "Ken Hanks" <captbfd@yahoo.com>  
58) [70495] Re: mobile antennas  
by zmola@campbellsci.com  
59) [70496] [NET] NE QRP Tonight  
by Joel Malman <malman@world.std.com>  
60) [70497] RE: mobile antennas  
by "Art Marshall" <artm@t-com.com>  
61) [70498] Re: mobile antennas  
by Jim/Julia <w7ls@blarg.net>  
62) [70499] Re: mobile antennas  
by "Charlie Fitts" <cfitts@neca.com>  
63) [70500] Re: OT: OTHER QRP stuff  
by "Sly, 9M8SL" <cqsly@tm.net.my>  
64) [70501] Re: OT: OTHER QRP stuff  
by "James C. Owen, III" <k4cgy\_list@yahoo.com>  
65) [70502] Re: OT: OTHER QRP stuff  
by "Rick Dubbs - WW9JD" <ww9jd@arrl.net>  
66) [70503] SMK-1 in Denver  
by "Mugleston, Brad" <brad.mugleston@gwl.com>  
67) [70504] Re: OT: OTHER QRP stuff

by "John J. McDonough" <wb8rcr@arrl.net>  
68) [70505] SMK-1 #21  
by Casey Ray <clray@usc.edu>  
69) [70506] re:Ramsey function generator  
by Rremmel@aol.com  
70) [70507] Re: Mobile antennas  
by Elda & Doug Wilson <ewilson@nccn.net>  
71) [70508] smk-1  
by zmola@campbellsci.com  
72) [70509] Re: mobile antennas  
by Phil Wheeler <w7ox@earthlink.net>  
73) [70510] Re: OT: OTHER QRP stuff  
by Phil Wheeler <w7ox@earthlink.net>  
74) [70511] Re: OT: OTHER QRP stuff  
by Phil Wheeler <w7ox@earthlink.net>  
75) [70512] You may ask yourself #2 . . .  
by nilsbull@juno.com  
76) [70513] You may ask yourself . . .  
by nilsbull@juno.com  
77) [70514] Re: OT: OTHER QRP stuff  
by Lew Paceley <lew@paceley.com>  
78) [70515] Re: OT: OTHER QRP stuff  
by Phil Wheeler <w7ox@earthlink.net>  
79) [70516] Re: loosening RCA phono jacks: Loctite or other?  
by Rick McKee <kc8aon@juno.com>  
80) [70517] Re: OT: OTHER QRP stuff  
by Rick McKee <kc8aon@juno.com>  
81) [70518] MI QRP Net  
by "Edward A Kwik jr" <eakwikjr@hti.com>

-----  
Date: Wed, 17 May 2000 16:01:30 -0700  
From: Phil Wheeler <w7ox@earthlink.net>  
To: al7fs@pobox.alaska.net  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [70438] Re: QRP-L CD - WL7MP Juliann is my backup May30 to June 20.  
Message-ID: <392324CA.91D8EEAD@earthlink.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Jim Larsen AL7FS wrote:

> to be studying Electrical Engineering at the University of Utah in  
> Moscow, ID

Hopefully University of Idaho :-)

Phil

-----  
Date: Wed, 17 May 2000 19:14:48 EDT  
From: RangerSF5@aol.com  
To: qrp-l@lehigh.edu  
Subject: [70439] Re: Nice project case/Spoken for NN6CW  
Message-ID: <78.5631cbe.265481e8@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

Hi Gang,  
I posted the project box then left for the Doctor.  
I came home and had 17 list members who wanted it.  
NN6CW was the first to reply.  
Sorry I had only one.  
Bob  
WA2HOQrp<tm>

-----  
Date: Wed, 17 May 2000 17:41:25 -0600 (CST)  
From: Bruce Rattray <rattray@gpfn.sk.ca>  
To: QRP-Canada <qrp-canada@lists.gpfn.sk.ca>, Low Power Group <qrp-l@LeHigh.EDU>  
Subject: [70440] Glacier/Waterton Hamfest  
Message-ID: <Pine.LNX.3.95.1000517173831.2803A-1000000@neale.gpfn.sk.ca>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

I've just been informed by a committee member that the QRP Get-together will take place on Saturday this year instead of Sunday....the time is unknown but I will pass it along as soon as I find out...

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272  
A-1 Operator Club - 10/10# 944 - SOC #11 & #12 - Whiner#10 -  
"QRP! How sweet it is!" "I am da man wit "DAH" paddle!"

-----  
Date: Wed, 17 May 2000 19:48:34 -0400  
From: Jerry Albertin <jalbertin@juno.com>  
To: qrp-l@lehigh.edu

Subject: [70441] FS:MFJ 9015  
Message-ID: <20000517.194835.-102751.1.JAlbertin@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

Just to let all who responded know... the rig is spoken for.

Thanks to all who responded.....Jerry kg2jg

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<http://dl.www.juno.com/get/tagj>.

-----  
Date: Wed, 17 May 2000 19:49:20 -0400  
From: "Dieter \ (Diz\ ) Gentzow W8DIZ" <w8diz@cinci.rr.com>  
To: <fpqrp@egroups.com>, <minipig@egroups.com>  
Cc: "QRP-L" <qrp-l@lehigh.edu>  
Subject: [70442] multiPIG  
Message-ID: <00a301bfc05a\$856854a0\$1461a518@cinci.rr.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hi folks,

The purpose of this email is to announce the designing and building the multiPIG.

The multiPIG does not exist "YET". It is a hybrid between the miniPIG and a full coverage PLL that I designed. All info is available at the multiPIG website at <http://multipig.homepage.com>

I have created an email reflector for the project. There is a link to join on the multiPIG home page. This is a design project IN PROGRESS. Any and all ideas will be considered, but it is my vision that this project will be an experimental vehicle. The multiPIG will be of a modular design, so that one can substitute and test other submodules.

After the PLL is fully published, I will solicit for parts kits. I will mass purchase the critical parts for distribution to other builders.

Initially, this will be an UGLY construction project. However, I have recently become familiar with CIRCAD, for PCB layout, so we may eventually have a PCB, but that is not a high priority right now.

More info will become available after the Dayton-2000 hamvention.

I hope this project sparks interest among some of you. Not only do I expect it to be a QRP project, but also a REAL learning tool, (myself included)!!!

73 & "oo's" - Dieter (DIZ) Gentzow - W8DIZ - Loveland, Ohio  
Clermont County - EM79uf - near Cincinnati; 39.218N - 84.305W  
FPqrp-1 SOC-8 DLQRPAG-1454 ARCI-10226 QRPL-1998 10X-9389 CATT-26 K2-493  
<http://home.cinci.rr.com/w8diz> [AOL-IM "w8diz"]

-----  
Date: Wed, 17 May 2000 18:48:40 -0500  
From: Dave Redfearn <n4elm@home.com>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [70443] FS: Small (QRP) circuit breakers  
Message-ID: <39232FD8.CC22F07C@home.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

QRP Circuit breakers (Small)

I found some AIRPAX 251 breakers  
1 Amp @ 32 VDC  
Orange, rectangular about .75" X .25" X .375"  
3 short solder leads - Line, Load, and a NO contact that connects to  
the Line lead when tripped.  
No mounting holes or threads. These were designed to be mounted directly  
on a printed circuit board.  
Could not find any info about them on the AIRPAX site.

I have been able to wrap and solder up to #18 gauge stranded wire to the  
pins, placing the breaker in the positive lead of the power cable.

They do trip fast.  
I've been using some in-line on my NC-20, SSTs, and Sierra and they work  
fine.

Would be a good replacement for the PC foil fuse on an MFJ CUB too.

\$5.00 each

73 - Dave

=====  
Dave Redfearn, ARS N4ELM, McKinney, TX  
Email: n4elm@NOJUNKhome.com (to reply, remove NOJUNK)  
QRL? de N4ELM/qrp

-----  
Date: Wed, 17 May 2000 19:52:21 EDT  
From: RangerSF5@aol.com  
To: qrp-1@lehigh.edu  
Subject: [70444] Need help with NC 40-M repair  
Message-ID: <c4.3cda0fc.26548ab5@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

Hi Gang,  
My close up vision still does not allow me to do any soldering.  
My NC 40-M lost TX but was showing just needle movement (1/8 watt)?  
Well last week I turned it on and I had full power again but only in the mid  
15 KC.  
Power dropped off at the band edges almost to nothing.  
While making some test I shorted the metal final to ground and smoke came  
from the coil next to the final.  
I'd be willing to pay someone to get this rig working again.  
No indication that the drivers are working  
I still have the NC 20-M with no TX.  
Don't know what happened to that.  
The owner said it worked and a few hours later he had no TX.  
I have the voltage at the TX/RX switch at 6 Volts, Close enough.  
Any takers?  
Bob  
WA2HOQrp <tm>

-----  
Date: Wed, 17 May 2000 19:06:20 -0500  
From: Dave Redfearn <n4elm@home.com>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [70445] FS: Wilderness Sierra  
Message-ID: <392333FC.8F48DBF4@home.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

For Sale:

Wilderness Sierra

With KC-2 keyer and ABX installed.  
With band modules for: 40, 30, 17, 15, & 10 Meters  
With manuals



Works good, a couple of watts out on each band except about 1 watt on 10 meters.

Used, in good condition - no major scratches or dings.

Will include a 2SC1909 RF transistor and 4:1 torroid for 5 watt mod if wanted.

Asking \$350.00 OBO + shipping from TX.

73 - Dave

=====  
Dave Redfearn, ARS N4ELM, McKinney, TX  
Email: n4elm@NOJUNKhome.com (to reply, remove NOJUNK)  
QRL? de N4ELM/qrp

-----  
Date: Wed, 17 May 2000 17:38:01 -0800  
From: Jim Larsen AL7FS <al7fs@pobox.alaska.net>  
To: w7ox@earthlink.net, "qrp-l@lehigh.edu" <qrp-l@lehigh.edu>  
Subject: [70446] Re: QRP-L CD - WL7MP Juliann is my backup May30 to June 20.  
Message-ID: <39234979.A4C27A16@pobox.alaska.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Phil Wheeler wrote:

> Jim Larsen AL7FS wrote:  
> > WL7MP...to be studying Electrical Engineering at the University of Utah in  
Moscow, ID  
>  
> Hopefully University of Idaho :-)  
>  
> Phil

=====  
Argghhhhhh!!!!!!! You are right. Thanks, Phil. I got my Master's degree at the Univ. of Utah. That's my excuse and I am sticking to it. :-)

73, Jim

--  
Jim Larsen, AL7FS <http://www.qsl.net/al7fs/>  
Anchorage, Alaska <mailto:al7fs@pobox.alaska.net>  
QRP ARCI #6754 Check out <http://www.qrparci.org/>

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Date: Wed, 17 May 2000 21:42:15 -0400  
From: Michael Bower - N4NMR <bowerm@ix.netcom.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [70447] Re: QRP-L CD - WL7MP Juliann is my backup May30 to June 20.  
Message-ID: <4.3.1.0.20000517214158.00aa2220@popd.ix.netcom.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

You know, I've heard comments about UofU people. From a place called BYU or something like that. Is there some kind of rivalry between them??????????

(heheheheh)(couldn't resist)

Michael - N4NMR

At 05:38 PM 5/17/2000 -0800, Jim Larsen AL7FS wrote:  
>Phil Wheeler wrote:  
> > Jim Larsen AL7FS wrote:  
> > > WL7MP...to be studying Electrical Engineering at the University of  
> Utah in Moscow, ID  
> >  
> > Hopefully University of Idaho :-)  
> >  
> > Phil  
>=====

>  
>Arghhhhhhh!!!!!!! You are right. Thanks, Phil. I got my Master's  
>degree at the Univ. of Utah. That's my excuse and I am sticking to it.  
>:-)  
>  
>73, Jim  
>--  
>Jim Larsen, AL7FS <http://www.qsl.net/al7fs/>  
>Anchorage, Alaska <mailto:al7fs@pobox.alaska.net>  
>QRP ARCI #6754 Check out <http://www.qrparci.org/>

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Date: Wed, 17 May 2000 18:53:29 -0700  
From: Phil Wheeler <w7ox@earthlink.net>  
To: bowerm@ix.netcom.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [70448] Re: QRP-L CD - WL7MP Juliann is my backup May30 to June 20.  
Message-ID: <39234D19.727CCD16@earthlink.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Michael Bower - N4NMR wrote:

>  
> You know, I've heard comments about UofU people. From a place called BYU  
> or something like that. Is there some kind of rivalry between them?????????  
>  
> (heheheheh)(couldn't resist)  
>

I can relate .. I couldn't resist either, as you saw :-)

Phil

-----  
Date: Wed, 17 May 2000 20:09:46 -0700  
From: Patrick Armstrong <aa7fg@gte.net>  
To: qrp-1@Lehigh.EDU  
Subject: [70449] F/S: TT Argo II QRP HF XCVR  
Message-ID: <39235EF9.21F00B4B@gte.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I offer a Tentec Argonaut II model 535 QRP 160-10M multimode HF transceiver in excellent physical and electrical condition. I am the second owner of this rig and it has been well cared for. Never out of the shack and looks great. The LCD is bright and clear as are the front panel controls. I include both the the ops/service manual and mdl 700 hand mic. Rig ships in the original box to your door lower 48 for \$550.00, thanks...

Pat, AA7FG - Oregon

-----  
Date: Wed, 17 May 2000 20:16:58 PDT  
From: "Michael Herman" <kc9nf@hotmail.com>  
To: qrp-1@Lehigh.EDU  
Subject: [70450] cw annunciators  
Message-ID: <20000518031658.48755.qmail@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

What is a cw annunciators and who sells them?? Mike kc9nf

-----  
Get Your Private, Free E-mail from MSN Hotmail at <http://www.hotmail.com>

-----  
Date: Wed, 17 May 2000 20:16:29 -0700  
From: "daveb1" <daveb1@azbz.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [70451] SMK-1 Item #12  
Message-ID: <002301bfc077\$779d4520\$91bd40d8@daveb1>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hi gang,

I have a question on the Item #12 diodes.

Are the 'bar ends' of the diodes the larger end? My color vision isn't the greatest, but I can see that one end seems larger, and has a wider dark color near its end. My guess is that this is the 'bar end'?

Thanks,

Dave, kk7re

-----  
Date: Wed, 17 May 2000 23:23:43 -0400  
From: tailfeathers@juno.com  
To: qrp-1@lehigh.edu  
Subject: [70452] O-scope  
Message-ID: <20000517.232345.-3900605.1.tailfeathers@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

Anyone have any knowledge about a Tektronics model 422 oscscope? Age, value assuming it works properly, etc.

Gary  
n8gsj

-----  
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<http://dl.www.juno.com/get/tagj>.

-----  
Date: Wed, 17 May 2000 20:53:11 -0700  
From: Radman <radman@best.com>  
To: "'Michael Herman'" <kc9nf@hotmail.com>, Low Power Amateur Radio Discussion  
<qrp-l@Lehigh.EDU>  
Subject: [70453] RE: cw annunciators  
Message-ID: <01BFC041.EC6F7D40@radman.vip.best.com>

Hi Mike,

I believe you're referring to AFAs (Audio Frequency Annunciators.) These  
circuits "announce" your transceiver's frequency in morse code characters.  
To take a closer look, check out Dave Benson's FREQ-mite at URL:  
<http://smallwonderlabs.com/>

There are others available as well :)

GL es 72,

Conrad - NN6CW

-----  
From: Michael Herman[SMTP:kc9nf@hotmail.com]  
Sent: Wednesday, May 17, 2000 8:17 PM  
To: Low Power Amateur Radio Discussion  
Subject: cw annunciators

What is a cw annunciators and who sells them?? Mike kc9nf

-----  
Get Your Private, Free E-mail from MSN Hotmail at <http://www.hotmail.com>

-----  
Date: Wed, 17 May 2000 20:03:03 -0800  
From: Jim Larsen AL7FS <al7fs@pobox.alaska.net>  
To: "qrp-l@lehigh.edu" <qrp-l@lehigh.edu>  
Subject: [70454] QRP-L CD Version 3 - PayPal Notes  
Message-ID: <39236B77.C53C6924@pobox.alaska.net>

MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Greetings from Alaska!

While I am totally new to this PayPal system, it seems efficient and allows you to pay for the QRP-L CD with a Master Card or a Visa. I have been told it only works in the USA for now so it is not a solution for DX or Canada.

If you would like a PayPal account you can use this link to get there.

<https://secure.paypal.com/refer/pal=al7fs%40pobox.alaska.net>

So far, the PayPal CD requests are all processed within 5 minutes of being read and the CD is in the mailbox within 10 minutes.

Full details of the QRP-L CD and how to use PayPal or any of the other two request options are available at <http://www.qsl.net/al7fs/>

Good luck,

73, Jim

--

Jim Larsen, AL7FS <http://www.qsl.net/al7fs/>  
Anchorage, Alaska <mailto:al7fs@pobox.alaska.net>  
QRP ARCI #6754 Check out <http://www.qrparci.org/>

-----  
Date: Thu, 18 May 2000 00:18:25 EDT  
From: RangerSF5@aol.com  
To: qrp-l@lehigh.edu  
Subject: [70455] Mods for the ARX XXX rigs  
Message-ID: <c5.590a7bd.2654c911@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

Hi Gang,

Before I wreck my brain typing out three pages of mods for the ARK rigs and some for the TAC-1. I need to know how many want them.

If I only receive 12 or less then i'll just snail them.

If I get more then that i'll put it on a disk and send it to anyone as a upload.

Just put \*ARK Mods\* in the title bar because I delete a lot of mail

I received these mods from the list almost 2 years ago and did a few at a

time on my ARK-20-M  
S&S has a more rugged final and with a 2 part change you can get 5+ full  
watts with no problem.  
Credit for the mods go to  
Gary Surrency AB7MY QRP # 571.

=====  
I'm still looking for an ARK-4 or the ARK 40-M.  
Thanks  
72/73  
Bob  
WA2HOQrp <tm>

-----  
Date: Wed, 17 May 2000 22:02:37 -0700  
From: Patrick Armstrong <aa7fg@gte.net>  
To: qrp-l@LeHigh.EDU  
Subject: [70456] SELL: Wilderness Sierra/KC2/8 bands  
Message-ID: <3923796D.335A7ABB@gte.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Wilderness Radio Sierra HF CW QRP XCVR with optional KC-2 LCD digital  
display and memory keyer, 8 band modules 80M-10M and manual. The radio  
is in perfect working order and recently aligned. Power output is 2.5W  
on 80-30M and about 2W on 20-10M. Radio is in beautiful physical  
condition and is in need of a good home. New rig forces sale at this  
time... \$350.00 shipped...

Pat, AA7FG - Oregon...

-----  
Date: Thu, 18 May 2000 06:27:36 EDT  
From: Wa3ptg@aol.com  
To: qrp-l@lehigh.edu  
Subject: [70457] HB: receiver  
Message-ID: <c.54d20d1.26551f98@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

Any scratch builders out there?

I built a 30 meter superhet over the weekend. It's part of my  
get-on-30-all-homebrew project. This isn't an exotic circuit, just a couple

of NE602s with a single tuned circuit on the input. It receives 30 meters fine, but also some AM stuff sometimes. The radio has an 8064 KHz IF, the local oscillator tunes 1936-1961 KHz. I'm guessing the hetrodynes are from the 6 MHz. broadcast band.

The questions: can the hetrodynes be eliminated with a double-tuned input circuit? Or have I just made a poor choice in IF frequency? Most of the NE602 transceivers I've seen use very simple input circuits to the first mixer. Wouldn't a double-tuned circuit with balanced output to the NE602 give better performance?

Manhattan notes: The local oscillator uses an NOS 25 pf cap with two mounting holes on the bottom. Just for fun, I glued the cap to the circuit board just to see how it would do. It held great! I wouldn't do this on a finished rig, but on a work-in-progress, it can't be beat. Superglue is great.

Another thing I like about manhattan: the local oscillator and IF filter are built on separate boards. When the radio is finally modified to death, I can recover the modules with a tap on the side of the board with a screwdriver and \*small\* hammer. I'm not to far from this. Version 2 will probably be built this weekend.

30 or bust.

72 DE WA3PTG  
Harry (Hap) Hurst NJQRP-EPAQRP  
Wilmington DE QRP-L #1464

-----  
Date: Thu, 18 May 2000 06:58:19 -0400  
From: Michael Bower - N4NMR <bowerm@ix.netcom.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [70458] Re: QRP-L CD Version 3 - PayPal Notes  
Message-ID: <4.3.1.0.20000518065708.00b9cce0@popd.ix.netcom.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

Ten minutes? Jim, you're putting me to shame. I don't even get my e-mail or mail that fast. I guess I better get my "production run" set up.

Michael

At 08:03 PM 5/17/2000 -0800, Jim Larsen AL7FS wrote:  
>Greetings from Alaska!  
>  
>While I am totally new to this PayPal system, it seems efficient and



>allows you to pay for the QRP-L CD with a Master Card or a Visa. I have  
>been told it only works in the USA for now so it is not a solution for  
>DX or Canada.  
>  
>If you would like a PayPal account you can use this link to get there.  
>  
><https://secure.paypal.com/refer/pal=al7fs%40pobox.alaska.net>  
>  
>So far, the PayPal CD requests are all processed within 5 minutes of  
>being read and the CD is in the mailbox within 10 minutes.  
>  
>Full details of the QRP-L CD and how to use PayPal or any of the other  
>two request options are available at <http://www.qsl.net/al7fs/>  
>  
>Good luck,  
>  
>73, Jim  
>--  
>Jim Larsen, AL7FS <http://www.qsl.net/al7fs/>  
>Anchorage, Alaska <mailto:al7fs@pobox.alaska.net>  
>QRP ARCI #6754 Check out <http://www.qrparci.org/>

-----  
Date: Thu, 18 May 2000 07:11:58 -0400  
From: "Thaire Bryant" <[tbry37@ici.net](mailto:tbry37@ici.net)>  
To: <[qrp-l@lehigh.edu](mailto:qrp-l@lehigh.edu)>  
Subject: [70459] mobile antennas  
Message-ID: <000001bfc0b9\$e43c40e0\$8222380a@evplaptop.dp056.sysco.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Many thanks for all the info and suggestions. Now I have  
to choose among: Hustler, Hamstick and Screwdriver. I  
know it won't be an Outbacker!

73

Thaire W2APF

-----  
Date: Thu, 18 May 2000 04:26:09 -0700  
From: "daveb1" <[daveb1@azbz.com](mailto:daveb1@azbz.com)>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [70460] Re: SMK-1 Item #12  
Message-ID: <000801bfc0bb\$dfef9120\$9bbd40d8@daveb1>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I have correctly identified and installed the diodes.  
Thankyou to everyone who assisted me!

Dave, kk7re

-----  
Date: Thu, 18 May 2000 07:45:51 -0400  
From: Stanley A McIntosh <mcintos@basf-corp.com>  
To: qrp-1@Lehigh.EDU  
Cc: Jeffrey M Nicklaw <nicklaj@basf-corp.com>  
Subject: [70461] TT-21 Tentatively Sold  
Message-ID: <852568E3.003FF3DB.00@basf-corp-gw01.basf-corp.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

My friend has tentatively sold the TT\_21 rig.

thanks,  
stan

-----  
Date: Thu, 18 May 2000 07:50:06 -0400  
From: David Newkirk <dpnewkirk@home.com>  
To: qrp-1@Lehigh.EDU  
Subject: [70462] Re: HB: receiver  
Message-ID: <3923D8EE.F722903C@home.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Michael Bower wrote:

"I built a 30 meter superhet over the weekend. It's part of my  
get-on-30-all-homebrew project. This isn't an exotic circuit, just a  
couple

of NE602s with a single tuned circuit on the input. It receives 30 meters fine, but also some AM stuff sometimes. The radio has an 8064 KHz IF, the local oscillator tunes 1936-1961 KHz. I'm guessing the heterodynes are from the 6 MHz. broadcast band.

"The questions: can the heterodynes be eliminated with a double-tuned input circuit? Or have I just made a poor choice in IF frequency? Most of the NE602 transceivers I've seen use very simple input circuits to the first mixer. Wouldn't a double-tuned circuit with balanced output to the NE602 give better performance?"

Perhaps overload is also involved, but the problem almost certainly comes from your low LO frequency: Subtract 1936 from 8064, and you get 6128, a frequency in the 49-meter broadcast band--an *image* response. Signals in that band can be very strong, so it would take prodigious filtering to knock them down to inaudibility. (Another problem with this low LO range is that harmonics of the LO will be closely spaced enough to bring in other strong signals and images in several regions below 30 MHz.) Better mixer balance won't get rid of the 6-MHz image in your current design; the response is built in. Better mixer balance *would* help if 8064-kHz signals from the antenna were getting into the IF through the mixer.

I recommend moving your LO to the 18-MHz range (8064 + 10100, for example); then the image will be in the 26-MHz region (18-MHz LO + 8-MHz IF) and relatively easy to filter out. The absence of 49-meter-class strong signals in that region will relax filtering requirements further still.

73,

Dave Newkirk, W9VES  
dpnewkirk@home.com  
<http://members.home.net/dpnewkirk/>

-----

Date: Thu, 18 May 2000 04:55:03 -0700 (PDT)  
From: Steve Yates <aa5tb@yahoo.com>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [70463] Re: HB: receiver  
Message-ID: <20000518115503.4460.qmail@web3003.mail.yahoo.com>

MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

Harry,

A double -tuned circuit in the front-end will certainly help but with your choice of IF and LO frequencies the image frequency is right in the middle of a powerful "shortwave" broadcast band. It will be difficult to totally remove these strong images and any extra preselection that you can give your receiver the better.

=====

73,  
Steve Yates - AA5TB  
Fort Worth, TX - EM12gs  
<http://www.geocities.com/aa5tb>  
[aa5tb@yahoo.com](mailto:aa5tb@yahoo.com)

-----  
Do You Yahoo!?  
Send instant messages & get email alerts with Yahoo! Messenger.  
<http://im.yahoo.com/>

-----  
Date: Thu, 18 May 2000 07:52:21 -0400  
From: Michael Bower <[bowerm@ix.netcom.com](mailto:bowerm@ix.netcom.com)>  
To: [qrp-1@lehigh.edu](mailto:qrp-1@lehigh.edu)  
Subject: [70464] QRP-L CD Version 3 - additional shipping method  
Message-ID: <3923D975.77607607@ix.netcom.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

For those of you who are very impatient (like me):

If you want your cd shipped via USPS Priority mail, I can handle that.

Option 1:

-----

If you are sending a CD, include the proper postage (\$3.20) and I will send it out that way. In this case, you don't need to include a mailer

(just a label) as I will use the USPS supplied Priority mailers.

Option 2:

-----

If you are sending a check or using PayPal ([www.paypal.com](http://www.paypal.com)), include an extra \$2.50 for the increased postage. (\$2.50 should cover it and it still makes for nice even numbers.)

If you have already ordered by PayPal, you can send an added payment and I'll match them up.

Michael - N4NMR

-----

Date: Thu, 18 May 2000 08:43:57 -0400  
From: David Hinerman <dlh1009@ritvax.isc.rit.edu>  
To: qrp-l <qrp-l@Lehigh.EDU>  
Subject: [70465] Modify MRX-TT2 for other bands?  
Message-ID: <003501bfc0c6\$c0189f80\$2d0a05cc@rochester.com>  
MIME-version: 1.0  
Content-type: text/plain; charset=iso-8859-1  
Content-transfer-encoding: 7BIT

Folks,

What are your thoughts on moving Dave Fifield's modified TT2-MRX combo (that led to the SMK design) to either 80 or 30 meters? At first look it seems to me that changing the crystals and a few tuned circuits (like the 2 at the input to the receiver mixer) should do the trick. What am I missing?

Dave

-----

David Hinerman WD8CIV  
Ontario, NY Grid FN13IF  
dlh1009@rit.edu

-----

Date: Thu, 18 May 2000 08:09:28 -0500

From: n4so@juno.com  
To: qrp-1@Lehigh.edu  
Subject: [70466] CW annunciators/PIC Microcontrollers  
Message-ID: <20000518.081023.-154175.1.N4S0@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

High performance RISC CPU  
Digi-Key pages 136 to 146  
8-pin, 8 Bit Microcontrollers  
Microchip is the manufacturer-  
"CW annunciator" is the function of the PIC depending  
upon the special programming of the device. PIC must  
be programmed for it to work.  
Page 136 has the PIC12C50x series which is the part labeled  
U10 or PIC12C508A in the NorCal 20, which performs frequency  
annunciation.  
Several articles in QST mag refer to the PIC, or  
refer to QRPp magazine Sept. 1996- The KC2: A Mult-  
function Accessory for QRP Transceivers. The KC2 uses  
a Microchip PIC16C84 microcontroller.  
Digi-Key 1 800 344-4539

Ken Brown, N4S0  
Mobile, AL EM50tk  
NorCal-20 at 5 watts  
4 element yagi

-----  
YOU'RE PAYING TOO MUCH FOR THE INTERNET!  
Juno now offers FREE Internet Access!  
Try it today - there's no risk! For your FREE software, visit:  
<http://dl.www.juno.com/get/tagj>.

-----  
Date: Thu, 18 May 2000 06:13:16 -0700  
From: Patrick Armstrong <aa7fg@gte.net>  
To: qrp-1@LeHigh.EDU  
Subject: [70467] F/S TT Argo II QRP HF XCVR - SOLD  
Message-ID: <3923EC6C.5AADFEFF@gte.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Many thanks for all who responded, but the Argonaut II is spoken for...

73 to all and thank you...

Pat, AA7FG - Oregon...

-----  
Date: Thu, 18 May 2000 09:47:08 -0400 (EDT)  
From: Dan Halbert <halbert@bbn.com>  
To: qrp-l@lehigh.edu  
Subject: [70468] loosening RCA phono jacks: Loctite or other?  
Message-ID: <200005181347.JAA23024@siu>

I have used cylindrical panel mount RCA phono jacks a few times and they always come loose because plugging and unplugging the cables tends to rotate them, even with lockwashers. I know there are better jacks to use, but for the ones I have, do you folks have any suggestions? I was thinking of Loctite on the threads. Blue Loctite seems preferable since it sounds like it would actually be removable, as opposed to Red and Green, but I have never used any of them. Any experience you can relate, and any other suitable materials? Some of the jacks are in metal panels and grounded, and some are in plastic.

Thanks,  
Dan, KB1RT

-----  
Date: Thu, 18 May 2000 09:49:06 -0400  
From: hamjoel@juno.com  
To: qrp-l@lehigh.edu  
Subject: [70469] mobile ant... a whicha-ma-call-it  
Message-ID: <20000518.095007.-254865.0.hamjoel@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

Hi y'all,

My cajun belle, whom I love dearly,  
has threatened my life severly, iffing I go hang an hf ant to my truck...  
so I got to  
thinking about using the aluminum camper shell for an antenna again...

I could elevate the thing four inches from the truck bed (using a two by four)  
then I could feed one corner and ground to the truck bed...heck she  
wouldn't even kneaux  
it was an antenna...

It would be 8 foots long and abut 10 foots wide (counting the ups and

downs)  
any body kneaux where this would reasonate? anybodies tried this  
before???

    would any of the computer programs be abel to analyze this kind of  
ant...  
kella  
    joel  
in maine  
with no mobile ant

-----  
YOU'RE PAYING TOO MUCH FOR THE INTERNET!  
Juno now offers FREE Internet Access!  
Try it today - there's no risk! For your FREE software, visit:  
<http://dl.www.juno.com/get/tagj>.

-----  
Date: Thu, 18 May 2000 09:56:11 -0400  
From: David Hinerman <dlh1009@ritvax.isc.rit.edu>  
To: qrp-1 <qrp-1@Lehigh.EDU>  
Subject: [70470] Re: loosening RCA phono jacks: Loctite or other?  
Message-ID: <004601bfc0d0\$d5a4c860\$2d0a05cc@rochester.com>  
MIME-version: 1.0  
Content-type: text/plain; charset=iso-8859-1  
Content-transfer-encoding: 7BIT

> I have used cylindrical panel mount RCA phono jacks a few times and  
> they always come loose because plugging and unplugging the cables  
> tends to rotate them, even with lockwashers. I know there are better  
> jacks to use, but for the ones I have, do you folks have any  
> suggestions? I was thinking of Loctite on the threads. Blue Loctite  
> seems preferable since it sounds like it would actually be removable,  
> as opposed to Red and Green, but I have never used any of them. Any  
> experience you can relate, and any other suitable materials? Some of  
> the jacks are in metal panels and grounded, and some are in plastic.

Dan,

In the shop where I used to work, we used super glue to lock panel-mount BNC connectors (like on handheld radios). We found that if the connector had to be removed later, heating the glue (or the connector shell) with a soldering iron would break it down so it could come loose.

I wouldn't recommend super glue on a plastic case, however - the glue itself will attack many plastics, causing them to soften.

Dave



-----  
David Hinerman WD8CIV  
Ontario, NY Grid FN13IF  
dlh1009@rit.edu

-----  
Date: Thu, 18 May 2000 09:18:08 -0500  
From: "Gary Lee Phillips" <ka9nzi@arrl.net>  
To: qrp-l@Lehigh.EDU  
Subject: [70471] Re: OT: OTHER QRP stuff  
Message-ID: <200005181418.JAA28572@mail.lib.colum.edu>

QRP in other respects:

I used to drive a VW bug, owned three of them in succession. Then had a Metro (got 50 mpg most of the time!) Now I have a small farm and need to haul more cargo, so I have a Cherokee (one of the more fuel-efficient and light-weight utility vehicles, I still get 25 mpg.)

Our second car is a Ford Escort (pretty QRP as cars go, eh?)

Instead of a tractor on the farm, we have a team of horses. Two horsepower vs. a hundred?

We only have a 21 inch television, which is pretty small by most people's standards. Used to get by with a 14 inch computer monitor connected to a cheap VCR as a tuner, but when the monitor died it was cheaper to just buy a regular TV on sale.

I guess QRP does invade one's lifestyle. Though I will admit to having a king sized bed, and a very large barn (60x80 feet) for such a small farm.

-- Gary Phillips, Marengo, IL <mailto:ka9nzi@arrl.net>  
KA9NZI, Seneca Twp., McHenry Co., IL Grid: EN52rg  
QRP-L #2124 <http://www.qsl.net/ka9nzi/>

-----  
Date: Thu, 18 May 2000 09:18:29 -0500  
From: "Kevin Muenzler, WB5RUE" <wb5rue@stic.net>

To: <dlh1009@ritvax.isc.rit.edu>, "'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.EDU>  
Subject: [70472] RE: loosening RCA phono jacks: Loctite or other?  
Message-ID: <000001bfc0d3\$f1a7c640\$ef5d6f81@v8.uthscsa.edu>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I've used regular silicone rubber cement for that and it seems to work great. It doesn't attack the plastic and can be removed with just a bit of effort. The only drawback is that it releases acetic acid as it cures which can corrode circuits inside the box. So you must leave the box open so that the vapors can vent until it is fully cured.

Kevin, WB5RUE  
Leeniers?!? We dunt need no steenkink leeniers!

-----  
Date: Thu, 18 May 2000 10:22:59 EDT  
From: Drbob92031@aol.com  
To: halbert@bbn.com, qrp-1@lehigh.edu  
Subject: [70473] Re: loosening RCA phono jacks: Loctite or other?  
Message-ID: <a0.4a0951a.265556c3@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

Dan:  
I have used my wife's hair spray as a locking agent on various item that needed to have "slip" or "rotation" prevention and it works. Just spray the hair spray on one member of the mating pieces and put them together while the spray is still wet. Allow the hair spray to dry(set) and its a done job.  
73 de WA2EAW..Bob

-----  
Date: Thu, 18 May 2000 07:28:10 -0700  
From: Phil Wheeler <w7ox@earthlink.net>  
To: ka9nzi@arrl.net  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [70474] Re: OT: OTHER QRP stuff  
Message-ID: <3923FDFA.5B99D8A2@earthlink.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Gary Lee Phillips wrote:

>

> QRP in other respects:

>

> I used to drive a VW bug, owned three of them in  
> succession. Then had a Metro (got 50 mpg most of  
> the time!) Now I have a small farm and need to  
> haul more cargo, so I have a Cherokee (one of the  
> more fuel-efficient and light-weight utility  
> vehicles, I still get 25 mpg.)

>

> Our second car is a Ford Escort (pretty QRP as cars  
> go, eh?)

>

For real car QRP now you need the Honda Impulse. May not be room in it  
for a radio, though :-)

Phil

-----

Date: Thu, 18 May 2000 08:31:43 -0600  
From: Ray Colbert <af852@rgfn.epcc.edu>  
To: qrp-1@lehigh.edu  
Subject: [70475] Re: mobile antennas  
Message-ID: <3923FECF.D90BFBC@rgfn.epcc.edu>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Why is that? curious - have not seen many if any remarks  
regarding the Outbacker, much less disparaging comments.  
Is it a long dummy load or what?

Ray

--

"The more I see of the representatives of the people, the more I  
admire my dogs." letter from Count d'Orsay to John Foster 1850  
Ray Colbert, W5XE, 00TC#3618, SOWP#1064M NARTE-NCT2 SOC#78  
MI-QRP 379QRP-ARCI 5784 NORCAL 1110, El Paso, (FAR WEST) TEXAS

-----

NetZero - Defenders of the Free World  
Click here for FREE Internet Access and Email  
<http://www.netzero.net/download/index.html>

-----  
Date: Thu, 18 May 2000 10:49:23 -0400  
From: "Mike Yetsko" <myetsko@insydesw.com>  
To: <w7ox@earthlink.net>, "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [70476] Re: OT: OTHER QRP stuff  
Message-ID: <026b01bfc0d8\$709efdc0\$2101a8c0@insydesw.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Is that the new hybrid electric/gas vehicle?

Anyone have any report on the car? Being a hybrid, I wonder how it would be affected by HAM radio in it? That is, if there's room to get that VHF rig in there, AND the K2....

Mike

> For real car QRP now you need the Honda Impulse. May not be room in  
it  
> for a radio, though :-)  
>  
> Phil  
>

-----  
Date: Thu, 18 May 2000 10:42:52 -0400  
From: "Richard Brummer, K2JQ" <k2jq@bestweb.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.edu>  
Subject: [70477] Re: OT: OTHER QRP stuff  
Message-ID: <004201bfc0d7\$591ae660\$e803b3d8@default>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Gary,

Everything is QRP-compliant until you get to the TV and computer monitor.

In true QRP style, your screen size on both should be no larger than 5 inches for color or 10 inches for black and white ! The 21-inch TV and 14-inch monitor just don't cut it.

73,  
dick k2jq mahopac, ny  
father of cheryl ann brummer, kb2kiv  
candidate for artis baccalaurae in film  
vassar college, may 21, 2000

-----  
Date: Thu, 18 May 2000 10:40:58 -0400  
From: Ken Newman <N2CQ@citnet.com>  
To: QRP-L@lehigh.edu, njqrp@njqrp.org  
Subject: [70478] [CONTEST] QRP Contesting - May 20-21  
Message-ID: <3.0.6.32.20000518104058.007e4e20@mail.citnet.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

72 de	~~~~QRP Contest Calendar~~~
Ken Newman - N2CQ	<a href="http://www.njqrp.org/data/contesting.html">http://www.njqrp.org/data/contesting.html</a>
Woodbury, NJ	
N2CQ@ARRL.NET	~~~~WQ2RP NJQRP Club Station~~~

-----  
Date: Thu, 18 May 2000 10:51:08 -0400  
From: Joseph Trombino Jr <joebarb@wilmington.net>  
To: QRP-L@LEHIGH.EDU  
Subject: [70479] F.S. Soldering Station  
Message-ID: <3.0.6.32.20000518105108.009ea140@wilmington.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Deal fell through on the soldering station so am re-listing for sale:

Weller UTC-100 soldering station, adjustable from 0-800 degrees F, in very good condition with one tip, great for building QRP rigs, will ship for \$45.

Also Have a Radio Shack (Micronta) transistor tester in excellent condition for \$15 shipped.

Many thanks and enjoy the hobby.

72, Joe W2KJ (North Carolina)

I QRP, therefore I am

-----  
Date: Thu, 18 May 2000 07:58:34 -0700 (PDT)  
From: Jim Hale <kj5tf@yahoo.com>  
To: QRP-L <qrp-l@Lehigh.EDU>  
Subject: [70480] CQ World Wide WPX CW contest & QRP  
Message-ID: <20000518145834.13970.qmail@web703.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

The last weekend of May features one of my favorite contests. Lots of DX stations on the air, and a good chance to work a few new DXCC countries.

Sure it's great fun to have a real chat with anyone, stateside, local, or DX. But once you've had some success working these major CW DX contests, it can get into your blood!

DX is so plenty full, that with 5 watts or LESS, you can work the RARE'est DX stns at some point in the contest. Watch for opportunities when the DX has no callers. This is YOUR chance ! Make your call with 4 watts and if they don't come right back, fire back with your call sign again.

Please post your results here on QRL-L. Your success will encourage others to have a go at it, and give you a chance to "brag" about your catches, and who caught the coolest DX with the least signal (milliwatts!)

My 10/15/20M antennas are checked and primed for the action. The XYL has been notified, and warned. Hi

In January 1999 I started working on the ARCI QRP DXCC award, running only milliwatt power. I just confirmed number 62, South Africa which I worked with 650mW.

Be sure to spend some time in the CQ World Wide WPX contest. They have a 5 watt QRP class. But no real QRPp milliwatt class, so the pure JOY of doing this at less than 1 watt is its own reward. Isn't that what life is all about anyway? :)

Hey, but nothing wrong with paper chasing either, if

you make a strong QRP effort, by all means enter your score! Its great to see lots of QRP stations in the final results.

You can have a look at my "mW DX Confirmed" webpage at the URL listed below. Also you will see my ARCI QRP DXCC certificate. Which I might up-date pretty soon!  
hi

While visiting be sure to look over the page on my "mW Worked All States Adventure 1999" item 8 on the index page. Its a summary of my milliwatt WAS effort last year.

A couple more QSL cards came in and reduced my WAS Total Power to 911mW or an average of 0.01822 watts per state.

Have fun QRP'ing and QRPp'ing !  
de Jim KJ5TF  
"All milliwatts, All the time"

=====

<http://www.madisoncounty.net/~kj5tf/>  
Milliwatting Editor ARCI QRP Quarterly  
Join/renew membership QRP Amateur Radio Club International  
<http://www.qrparci.org/arcijoin.html>  
AR QRP#2 - Kingston, Arkansas 35.94N 93.47W  
Private email [kj5tf@madisoncounty.net](mailto:kj5tf@madisoncounty.net)

-----  
Do You Yahoo!?

Send instant messages & get email alerts with Yahoo! Messenger.  
<http://im.yahoo.com/>

-----  
Date: Thu, 18 May 2000 08:11:07 -0700  
From: Phil Wheeler <[w7ox@earthlink.net](mailto:w7ox@earthlink.net)>  
To: Mike Yetsko <[myetsko@insydesw.com](mailto:myetsko@insydesw.com)>  
Cc: Low Power Amateur Radio Discussion <[qrp-l@Lehigh.EDU](mailto:qrp-l@Lehigh.EDU)>  
Subject: [70481] Re: OT: OTHER QRP stuff  
Message-ID: <3924080B.61AEB544@earthlink.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Mike Yetsko wrote:

>

> Is that the new hybrid electric/gas vehicle?

>

Yep .. that's the one.

> Anyone have any report on the car? Being a hybrid, I wonder how  
> it would be affected by HAM radio in it? That is, if there's room to  
> get that VHF rig in there, AND the K2....  
>

I've yet to see one. But I did see a cutaway drawing. Imagine a Honda CRX without the luggage capacity (back seems to be full of batteries and other electrical equipment). OTOH .. might make a great QRP power source for Field Day :-)

Phil

-----

Date: Thu, 18 May 2000 11:16:00 -0400

From: "Ed Tanton" <n4xy@att.net>

To: <halbert@bbn.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [70482] RE: loosening RCA phono jacks: Loctite or other?

Message-ID: <CKEGICNFDIMCEKEDCEHFCEBOCHAA.n4xy@att.net>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Another alternative is even more available than the various Loctite products: Dupont's DUCO cement. Non-corrosive and reasonably quick-drying, it will stop the nut/washer from slipping, yet allow removal. Plain old epoxy works fine as well, although you should not use a lot of it-unless you want a higher degree of permanency (read that: much harder to get off). Ditto a tube of gel-type superglue. A good sized drop with the nut backed off, tighten it, and it's not coming loose 'til you want it to. If you want to speed that process a bit, AFTER tightening, spray some accelerator on it.

73 Ed Tanton <n4xy@arrl.net> K2# 0057 (FT)

Technical Editor QRP ARCI "QRP Quarterly"

website: <http://www.qsl.net/n4xy/>



-----  
Date: Thu, 18 May 2000 08:27:28 PDT  
From: "Brad Hernlem" <alihernlem@hotmail.com>  
To: qrp-1@lehigh.edu  
Subject: [70483] Way OT - Re: loosening RCA phono jacks: Loctite or other?  
Message-ID: <20000518152728.8695.qmail@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

Drbob92031@aol.com said:

>Dan:  
>I have used my wife's hair spray as a locking agent on various item that  
>needed to have "slip" or "rotation" prevention and it works. Just spray the  
>hair spray on one member of the mating pieces and put them together while  
>the spray is still wet. Allow the hair spray to dry(set) and its a done  
>job.  
>73 de WA2EAW..Bob

Another fine application that I have found for hairspray is catching flies  
or other flying insects. Globbs up their wings and makes 'em easier to catch  
(and smoosh).

: -)

Brad

-----  
Get Your Private, Free E-mail from MSN Hotmail at <http://www.hotmail.com>

-----  
Date: Thu, 18 May 2000 10:08:48 -0500  
From: Karl Kanalz <KKanalz@excel.com>  
To: "'w7ox@earthlink.net'" <w7ox@earthlink.net>, Low Power Amateur Radio  
Discussion <qrp-1@Lehigh.EDU>  
Subject: [70484] RE: OT: OTHER QRP stuff  
Message-ID: <2D343922E283D211945C0008C7A41B2A02B20B94@adntex01.adsn.dal.excel.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"

The Honda "Impulse" may not have room for much  
of a radio, but think of the battery plant! You could  
dub the entire assembly (car \*and\* radio) as your QRPTTF  
rig and stay in the field for days on end!

Karl K - W8TIF  
McKinney, Texas

-----Original Message-----

From: Phil Wheeler [mailto:w7ox@earthlink.net]  
Sent: Thursday, May 18, 2000 9:28 AM  
To: Low Power Amateur Radio Discussion  
Subject: Re: OT: OTHER QRP stuff

Gary Lee Phillips wrote:

>  
> QRP in other respects:  
>  
> I used to drive a VW bug, owned three of them in  
> succession. Then had a Metro (got 50 mpg most of

For real car QRP now you need the Honda Impulse. May not be room in it  
for a radio, though :-)

Phil

-----  
Date: Thu, 18 May 2000 09:33:16 -0600  
From: carlos.caro@lmco.com  
To: qrp-1@Lehigh.EDU, w7ox@earthlink.net  
Subject: [70485] RE: OT: OTHER QRP stuff  
Message-ID: <D0A28D7EFEB4D11181DE0000F80627BB023A4708@emss02m14.ems.lmco.com>  
Content-return: allowed  
MIME-version: 1.0  
Content-type: text/plain  
Content-transfer-encoding: 7BIT

> other electrical equipment). OT0H .. might make a great (SELF PROPELLED)  
> QRP power soruce  
> for Field Day :-)  
>  
> Phil  
>

-----  
Date: Thu, 18 May 2000 09:04:26 -0700  
From: Phil Wheeler <w7ox@earthlink.net>  
To: k2jq@bestweb.net

Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [70486] Re: OT: OTHER QRP stuff  
Message-ID: <3924148A.587B3440@earthlink.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

"Richard Brummer, K2JQ" wrote:

>  
> Gary,  
>  
> Everything is QRP-compliant until you get to the TV and computer monitor.  
>  
> In true QRP style, your screen size on both should be no larger than 5  
> inches for color or 10 inches for black and white ! The 21-inch TV and  
> 14-inch monitor just don't cut it.  
>

I saw a small TV-VCR combo last week at COSTCO with a TFT LCD screen.  
that might be QRP.

Phil

-----  
Date: Thu, 18 May 2000 09:05:46 -0700  
From: Phil Wheeler <w7ox@earthlink.net>  
To: af852@rgfn.epcc.edu  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [70487] Re: mobile antennas  
Message-ID: <392414DA.31940475@earthlink.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Ray Colbert wrote:

>  
> Why is that? curious - have not seen many if any remarks  
> regarding the Outbacker, much less disparaging comments.  
> Is it a long dummy load or what?  
>

Price-performance ratio is too high. Hamsticks work better for me and  
are much less expensive.

Phil

-----  
Date: Thu, 18 May 2000 09:03:01 -0700  
From: Phil Wheeler <w7ox@earthlink.net>  
To: kj5tf@yahoo.com  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [70488] Re: CQ World Wide WPX CW contest & QRP  
Message-ID: <39241435.A62D711E@earthlink.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Jim Hale wrote:

>  
> The last weekend of May features one of my favorite  
> contests. Lots of DX stations on the air, and a good  
> chance to work a few new DXCC countries.  
>

AKA Memorial Day weekend?

Alas, I will be backpacking. May have to take my DSW-20 and some antenna (not much DX from CA with that, though).

Phil

-----  
Date: Thu, 18 May 2000 11:30:13 +0000  
From: "Steven Weber" <kd1jv@moose.ncia.net>  
To: qrp-1@lehigh.edu  
Subject: [70489] Piezo electric paddles  
Message-ID: <200005181608.MAA00687@wolf.ncia.net>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT

I finally got around to trying piezo electric sensors to detect paddle movement. The main problem with piezo electric is they only produce an output as they are being stressed. Therefore, one can detect a paddle is being pushed, but it can't directly tell that you are continuing to push on it to make a string of dots or dashes.

Thankfully, the piezo electric element will produce a voltage pulse of one polarity as it is compressed and a voltage pulse of the opposite polarity when it is unstressed. By using a couple of comparitors, we can generate a pulse when the element is stressed and unstressed. These pulses then set, reset a flip-flop, which in turn keys the keyer.

Last night I tested the concept and it does work. But my mechanics leave much to be desired. Currently, I'm using the ceramic piezo elements out of a very old stereo ceramic phonograph cartridge. (one never knows when old junk like that will come in handy) These are super glued across a hole milled in some pcb stock to form a stress point. I get a pretty good pulse when the paddle is pushed, but a sluggish one when it's released. I'll have to get around to ordering some of the piezo strain sensors Digi-Key sells, these might work better than the old phono cartridge ones.

72,

Steve, KD1JV in the white Mountains of New Hampshire  
"melt solder"

-----  
Date: Thu, 18 May 2000 11:30:12 +0000  
From: "Steven Weber" <kd1jv@moose.ncia.net>  
To: qrp-l@lehigh.edu  
Subject: [70490] Re: HB: receiver  
Message-ID: <200005181608.MAA00709@wolf.ncia.net>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT

> Michael Bower wrote:

>

> "I built a 30 meter superhet over the weekend. It's part of my

> I recommend moving your LO to the 18-MHz range (8064 + 10100, for  
> example); then the image will be in the 26-MHz region (18-MHz LO + 8-MHz

That would cure the image problem, but making an 18 Mhz LO reasonably stable could be a problem. I'd make the IF 4.00 or 4.433 Mhz where it's easy to make narrow filters, and then the LO would be 6.1 or 5.66 Mhz. Now the image is down around 2 Mhz.

A double tuned input filter is easy to make with a couple of 10.7 Mhz IF cans. They will tune down to 10.1 with out modification. I use these a lot in my projects, as they are slug tuned so don't need a trimmer cap to tune them. When you go to make this into a

transceiver, 10.7 Mhz IF cans also will make an effective Tx mixer band pass filter.

72,

Steve, KD1JV in the white Mountains of New Hampshire  
"melt solder"

-----  
Date: Thu, 18 May 2000 09:09:09 -0700  
From: Brian Kassel <bkassel@dancris.com>  
To: QRP-L <QRP-L@lehigh.edu>  
Subject: [70491] CQ AE9K  
Message-ID: <392415A5.5202FD16@dancris.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Brian:

I've been attempting to send you E-MAIL, but your server seems to be rejecting me as SPAM mail. Sure would like to chat a bit about your VB WWW page.

Brian K7RE

-----  
Date: Thu, 18 May 2000 10:47:58 -0600  
From: "Marshall Emm" <mgemm@mtechnologies.com>  
To: halbert@bbn.com, qrp-l@lehigh.edu  
Subject: [70492] Re: loosening RCA phono jacks: Loctite or other?  
Message-ID: <3923CA5E.3976.27BB74@localhost>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT

Hi, Dan--

>>RCA phono jacks a few times and  
they always come loose because plugging and unplugging the cables  
tends to rotate them, even with lockwashers<<

I've seen a number of adhesive suggestions but not this one yet--  
those jacks (at least the ones I use) always come with a solder lug. If you  
watch how you tighten the nut, and line up a flat side of the nut with the tab  
on the solder lug, you can bend the solder lug up against the side of the nut.

That seems to hold them pretty well.

Marshall Emm, N1FN  
Milestone Technologies, Inc.  
(303) 752-3382  
<http://www.mtechnologies.com>

-----  
Date: Thu, 18 May 2000 12:48:59 -0400  
From: "Ron McConnell" <rcmcc@lucent.com>  
To: <njqrp@njqrp.org>, <qrp-l@lehigh.edu>  
Cc: <w2iol@arrl.net>  
Subject: [70493] The First QRP human portable rig?  
Message-ID: <000e01bfc0e8\$f75d0f40\$91051187@adc\_lab9.amc.bell-labs.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I'd never heard of Al Gross, W8PAL, until I read the ARRL note  
extract below. It sounds like this recognition is long overdue.

I had a WWII vintage walkie-talkie that worked AM  
on 3.995 megacycles/second (none of those megaHertz then).  
I made a few contacts with it before a buddy borrowed  
and I never saw it again.

QRP historians, does his W-T count as the first human portable QRP  
rig?

73,  
Ron McConnell  
w2iol@arrl.net

The ARRL Letter  
Vol. 19, No. 20, May 19, 2000

\* "Walkie-talkie" and pager inventor honored: Al Gross, W8PAL, the  
inventor  
of the "walkie-Talkie" and the first wireless pager, recently was  
honored  
with the Lemelson-MIT Lifetime Achievement Award for invention and  
innovation. Gross, often called the "founding father" of wireless  
communication, developed the walkie-talkie in 1938 while he was still  
in

high school in Cleveland. Now 82, Gross says he became a ham at an early age. "I wanted to be mobile, that was my desire," he said in an April 28 interview with The Boston Globe. "I worked hard to figure out a transceiver." The project caught the attention of the Office of Strategic Services--the World War II precursor to the CIA. Gross developed for the agency a two-way air-to-ground communication system used during the war. Gross says he's amazed by the proliferation of wireless technology today. "The genie is out of the bottle," he told the Globe.

-----  
Date: Thu, 18 May 2000 13:05:17 -0400  
From: "Ken Hanks" <captnfd@yahoo.com>  
To: <w7ox@earthlink.net>  
Cc: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [70494] Re: OT: OTHER QRP stuff  
Message-ID: <001601bfc0eb\$41e16000\$03148ad1@acer>

I use a Handspring Visor PDA-definitely a QRP computer. One project in the pipeline is to use a terminal emulation program and a 2M HT to connect to the DX PacketCluster.

-----  
Date: Thu, 18 May 2000 12:14:14 -0600  
From: zmola@campbellsci.com  
To: qrp-1@lehigh.edu  
Subject: [70495] Re: mobile antennas  
Message-ID: <200005181217.MAA31245@demeter.campbellsci.com>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT

I remember this thread from before, but maybe it was on a newsgroup.

The issue was Hamsticks vs Valor(proam).  
I seem to remember that Hamsticks lost their tuning when you disassembled them, but the Valor antentas could be disassembled (in half)



and put back together with the same tuning.

They are about the same price as Hamsticks, but they don't have that catchy name :-)

I don't have any experience with either, but am planning to.

Carl

Carl  
zmola@campbellsci.com

-----  
Date: Thu, 18 May 2000 14:10:34 -0400 (EDT)  
From: Joel Malman <malman@world.std.com>  
To: qrp-l@Lehigh.EDU  
Subject: [70496] [NET] NE QRP Tonight  
Message-ID: <200005181810.0AA04335@world.std.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Reminder:

NE QRP Net will be QNI at 9pm (local EDT) tonight May 18. Which is 0100 May 19 GMT. NCS for WQ1RP will be Chuck, K1CL. Frequency tonight will be 3561 +/- ... all welcome to checkin and say hello.

--  
/joel K1QM (K1 Queen Mary) Concord, Massachusetts  
QRP-L #337, QRP-ARCI #9305, MI-QRP #1641, SOC #42

-----  
Date: Thu, 18 May 2000 14:15:50 -0400  
From: "Art Marshall" <artm@t-com.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [70497] RE: mobile antennas  
Message-ID: <004501bfc0f5\$18a74880\$70c80ac0@pc-art2.t-com.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Yes that is correct. I have used both the Hamsticks and Valor. I only use Valor now because of that.

73, de w1fji

> -----Original Message-----

> From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU]On Behalf Of

> zmola@campbellsci.com

> Sent: Thursday, May 18, 2000 2:14 PM

> To: Low Power Amateur Radio Discussion

> Subject: Re: mobile antennas

>

>

>

> I remember this thread from before, but maybe it was on a newsgroup.

>

> The issue was Hamsticks vs Valor(proam).

> I seem to remember that Hamsticks lost their tuning when you

> disassembled them, but the Valor antentas could be disassembled (in half)

> and put back together with the same tuning.

>

> They are about the same price as Hamsticks, but they don't have that

> catchy name :-)

>

> I don't have any experience with either, but am planning to.

>

> Carl

>

> Carl

> zmola@campbellsci.com

>

-----

Date: Thu, 18 May 2000 11:23:00 -0700

From: Jim/Julia <w7ls@blarg.net>

To: artm@t-com.com

Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [70498] Re: mobile antennas

Message-ID: <39243504.5012924E@blarg.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

I concur. Hamstick and Valor perform the same, but Valor can be take apart and stored without losing tuning settings.

Outbacker performs outstandingly, in terms of draining your wallet.

Electrically, it is nothing special. Their marketting dept. could sell rocks to Fred Flinstone. Jim W7LS

Art Marshall wrote:

> Yes that is correct. I have used both the Hamsticks and Valor. I only use  
> Valor now because of that.  
>  
> 73, de w1fji  
>  
> > -----Original Message-----  
> > From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU]On Behalf Of  
> > zmola@campbellsci.com  
> > Sent: Thursday, May 18, 2000 2:14 PM  
> > To: Low Power Amateur Radio Discussion  
> > Subject: Re: mobile antennas  
> >  
> >  
> >  
> > I remember this thread from before, but maybe it was on a newsgroup.  
> >  
> > The issue was Hamsticks vs Valor(proam).  
> > I seem to remember that Hamsticks lost their tuning when you  
> > disassembled them, but the Valor antentas could be disassembled (in half)  
> > and put back together with the same tuning.  
> >  
> > They are about the same price as Hamsticks, but they don't have that  
> > catchy name :-)  
> >  
> > I don't have any experience with either, but am planning to.  
> >  
> > Carl  
> >  
> > Carl  
> > zmola@campbellsci.com  
> >

-----

Date: Wed, 18 May 2005 14:24:36 -0400  
From: "Charlie Fitts" <cfitts@neca.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [70499] Re: mobile antennas  
Message-ID: <200005181826.0AA22174@orion.neca.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit

Hamsticks can be disassembled and reassembled to their original length if you wrap a little weatherproof tape around the stinger where it enters the base of the antenna. When reassembling the antenna, just insert the stinger until the tape contacts the base.

Charlie Fitts, N1EI

-----  
Date: Fri, 19 May 2000 02:30:54 +0800  
From: "Sly, 9M8SL" <cqsly@tm.net.my>  
To: captnfd@yahoo.com, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [70500] Re: OT: OTHER QRP stuff  
Message-ID: <20000518183054.BBNG13807@user>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Hi Ken & Gang,

I've not been posting regularly to the list during the last few months, bin vy vy qrl...Maybe, this is just an-OTHER QRP stuff excuse!!! hee...

Okay, how about someone who is more QRP homebrew-inclined, help to point me to a simple QRP torchlight project. I'm in need of a low power (QRP compliant type) consumption lights for backpacking in the woods, say several nights switched-on without changing batteries. This could then be use to light the qrp rig(s) front panel, qrp logbook, the inside of the tent, and occassional some night strolls into the jungles...

Thanks agn to all you guys/gals for all the nice stories and qrp tips on the list.

Been a great help to me out here in the jungles of Borneo.

72 es See Ya All,  
Sylvester (Sly) Liew, 9M8SL  
Borneo Island, East Malaysia.

At 01:05 PM 5/18/00 -0400, Ken Hanks wrote:

>I use a Handspring Visor PDA-definitely a QRP computer. One project in the  
>pipeline is to use a terminal emulation program and a 2M HT to connect to  
>the DX PacketCluster.

>  
>  
>

-----

Date: Thu, 18 May 2000 11:56:28 -0700 (PDT)  
From: "James C. Owen, III" <k4cgy\_list@yahoo.com>  
To: cqslly@tm.net.my, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [70501] Re: OT: OTHER QRP stuff  
Message-ID: <20000518185628.9934.qmail@web1603.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

--- "Sly, 9M8SL" <cqslly@tm.net.my> wrote:

> Okay, how about someone who is more QRP homebrew-inclined,  
> help to point me to a simple QRP torchlight project. I'm in  
> need of  
> a low power (QRP compliant type) consumption lights for  
> backpacking

Try the Krill lights.  
<http://www.equipped.org/krill.htm>  
[http://www.extremeglow.com/extreme180\\_krill.htm](http://www.extremeglow.com/extreme180_krill.htm)

72 Jim K4CGY  
qrp-l #72

-----  
Do You Yahoo!?  
Send instant messages & get email alerts with Yahoo! Messenger.  
<http://im.yahoo.com/>

-----  
Date: Thu, 18 May 2000 14:16:25 -0500  
From: "Rick Dubbs - WW9JD" <ww9jd@arrl.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [70502] Re: OT: OTHER QRP stuff  
Message-ID: <200005181916.0AA22706@mail.netdirect.net>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT

> I use a Handspring Visor PDA-definitely a QRP computer. One project in the  
> pipeline is to use a terminal emulation program and a 2M HT to connect to  
> the DX PacketCluster.

How about a Springboard TNC, or a Springboard keyer/reader? I'd  
switch to Handspring for that!

73,

Rick

<><

-----  
Rick Dubbs WW9JD  
Greenwood (near Indianapolis), Indiana USA

-----  
Date: Thu, 18 May 2000 13:21:19 -0600  
From: "Mugleston, Brad" <brad.mugleston@gwl.com>  
To: qrp-1 <qrp-1@lehigh.edu>  
Subject: [70503] SMK-1 in Denver  
Message-ID: <F9645092A142D3118CBD00805F15292E08BF84EB@eb-mail1.gwl.com>  
MIME-Version: 1.0  
Content-Type: text/plain

I got one, I sent my check in a little late but I still got one.

Got home from work last night and there was a box on the kitchen table. Opening it I found some instructions and a baggie with smaller baggies inside.

Looking at the smaller baggies I noticed they were divided into smaller sections, some of which had pea sized items the others appeared empty.

Putting my magnifying head piece on over my bifocals I discovered some specks of dust in most of the other squares.

Getting my Magnifying lens out with the circular florescent lamp I was able to distinguish that the dust has a rectangular shape.

My kit had arrived.

I've been working all morning on bending my wife's eyebrow tweezers (as suggested in the instructions) to aid in putting the dust scraps on the not yet to be seen traces.

Thank you NorCal for the great project. Let me know when to send the \$\$\$ in for the real thing.

de KI00T, Brad

-----  
Date: Thu, 18 May 2000 15:21:16 -0400  
From: "John J. McDonough" <wb8rcr@arrl.net>  
To: <cqsly@tm.net.my>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [70504] Re: OT: OTHER QRP stuff  
Message-ID: <07ed01bfc0fe\$3e3eea40\$010044c0@Conor.baycty1.mi.home.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

A number of folks have suggested the bright white LEDs, I've also seen people use the bright yellow which are a lot cheaper. LEDs aren't really very low current, but the white ones throw a surprising amount of light and seem to run almost forever on a D cell. I have one here in the shack for those summer thunderstorms.

72/73 de WB8RCR      <http://members.home.com/wb8rcr/index.htm>  
didileydadidah      QRP-L #1446 Code Warriors #35

-----Original Message-----  
From: Sly, 9M8SL <cqsly@tm.net.my>  
Subject: Re: OT: OTHER QRP stuff

>Okay, how about someone who is more QRP homebrew-inclined,  
>help to point me to a simple QRP torchlight project. I'm in need of  
>a low power (QRP compliant type) consumption lights for backpacking  
>in the woods, say several nights switched-on without changing batteries.  
>This could then be use to light the qrp rig(s) front panel, qrp logbook,  
>the inside of the tent, and occassional some night strolls into the  
jungles...

-----  
Date: Thu, 18 May 2000 12:29:07 -0700  
From: Casey Ray <clray@usc.edu>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [70505] SMK-1 #21  
Message-ID: <39244483.8722DE29@usc.edu>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Just wanted to pass along the good news that SMK-1 #21 is on the air. No smoke on initial fireup. Only problems encountered were of my own making. With the help of Marv Fagenson, K6HCJ, I was able to trace my very low audio to a poor solder joint on LM386 pin 4. A little heat and a little solder and the baby was screaming. I also hadn't jumped the headphone socket to receive in stereo. Done!

I haven't been building for very long, but I'll say SM is a blast. Built the SMK-1 in abt 4 hrs. Enjoyed every minute of it. The fact that you don't have to keep turning the board over to finish up a piece and trim the leads is a big time saver, at least for me it was.

The enclosure kit was also a hoot to build, but I couldn't keep the paint from cracking on it. Had primed and sanded, prior to applying the "Engine Manifold Red" to the top case. It just wouldn't adhere properly.

A big "we're not worthy" to NorCal, Red Hot Radio and the NJ QRP club for their absolutely wonderful introduction of the SMK-1 to the QRP community and to Marv, You da man! Thanks.

cu on the air.

de Casey  
AD6DI

have flux will travel....

-----  
Date: Thu, 18 May 2000 16:01:39 EDT  
From: Rremmel@aol.com  
To: qrp-1@lehigh.edu  
Subject: [70506] re:Ramsey function generator  
Message-ID: <bc.54ece25.2655a623@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

Greetings,  
I keep seeing adds for the Ramsey Fx Generator. Anybody have any experience with it. At \$1900.00 for a GHz jenny, it seems a fair deal.  
Any other suggestions.  
Thanks,

Raymond  
AC5QV



-----  
Date: Thu, 18 May 2000 13:17:29 -0700  
From: Elda & Doug Wilson <ewilson@nccn.net>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [70507] Re: Mobile antennas  
Message-ID: <39244FD9.AA18B327@nccn.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii; x-mac-type="54455854"; x-mac-creator="4D4F5353"  
Content-Transfer-Encoding: 7bit

Carl, my car is too short to take the Hamstick assembled, so I put one wrap of tape around the stinger riight where it enters the body of the antenna.

I take the stinger out to transport and replace it when I set up to operate. Just put the stinger in to the tape marker. So far it has never failed or changed SWR. I've had good luck with my Hamstick! I say "go for it".

72,  
Doug, k6rpn. <><

-----  
Date: Thu, 18 May 2000 14:44:10 -0600  
From: zmola@campbellsci.com  
To: qrp-l@lehigh.edu  
Subject: [70508] smk-1  
Message-ID: <200005181447.0AA01992@demeter.campbellsci.com>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT

Are smk-1 kits still available? I've been off this list for a while and missed these.

Also, has someone kitted the knitesmite again? I think one of these would be fun to build as a club.

Carl  
AC7BB

Carl

zmola@campbellsci.com

-----  
Date: Thu, 18 May 2000 14:24:06 -0700  
From: Phil Wheeler <w7ox@earthlink.net>  
To: cfitts@neca.com  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [70509] Re: mobile antennas  
Message-ID: <39245F76.97BAE95C@earthlink.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Charlie Fitts wrote:

>  
> Hamsticks can be disassembled and reassembled to their original length if  
> you wrap a little weatherproof tape around the stinger where it enters the  
> base of the antenna. When reassembling the antenna, just insert the  
> stinger until the tape contacts the base.  
>

And the equivalent Pro-Am Valor antennas are even easier: They  
disassemble in the middle.

Phil

-----  
Date: Thu, 18 May 2000 14:25:08 -0700  
From: Phil Wheeler <w7ox@earthlink.net>  
To: ww9jd@arrl.net  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [70510] Re: OT: OTHER QRP stuff  
Message-ID: <39245FB4.4B530F1D@earthlink.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Rick Dubbs - WW9JD wrote:

>  
> > I use a Handspring Visor PDA-definitely a QRP computer. One project in the  
> > pipeline is to use a terminal emulation program and a 2M HT to connect to  
> > the DX PacketCluster.

>  
> How about a Springboard TNC, or a Springboard keyer/reader? I'd  
> switch to Handspring for that!  
>

Not a \*huge\* market, I suspect :-/

Phil

-----  
Date: Thu, 18 May 2000 14:26:11 -0700  
From: Phil Wheeler <w7ox@earthlink.net>  
To: cqsly@tm.net.my  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [70511] Re: OT: OTHER QRP stuff  
Message-ID: <39245FF3.A98EB4FA@earthlink.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

"Sly, 9M8SL" wrote:

> Okay, how about someone who is more QRP homebrew-inclined,  
> help to point me to a simple QRP torchlight project. I'm in need of  
> a low power (QRP compliant type) consumption lights for backpacking  
> in the woods, say several nights switched-on without changing batteries.  
>

Check astronomy web sites for LED flashlights.

Phil

-----  
Date: Thu, 18 May 2000 21:36:15 +0000  
From: nilsbull@juno.com  
To: QRP-L@lehigh.edu  
Subject: [70512] You may ask yourself #2 . . .  
Message-ID: <20000518.213633.-166991.2.nilsbull@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

Gang of those not present,

It's not too bad today. It looks like it's gonna rain now & then, but so far it's just muggy & grey. Nice breeze though. And an occasional shot of sunshine in the blue.

Hope the weather holds for the fleas.

73

Nils

-----  
Nils R. Bull Young -- El Gringo Errante -- La Estancia de los Guajolotes  
Sonrientes  
<http://www6.50megs.com/w8ijn> -- W8IJN -- <http://members.xoom.com/nilsbull>  
"In MY day we had to FIGHT to have signatures! Every DAY was a STRUGGLE!"  
-- Comrade Nikolai Sergeievich  
McTovarishov, 19 Oct 1917

-----  
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<http://dl.www.juno.com/get/tagj>.  
-----

Date: Thu, 18 May 2000 21:35:04 +0000  
From: nilsbull@juno.com  
To: QRP-L@lehigh.edu  
Subject: [70513] You may ask yourself . . .  
Message-ID: <20000518.213633.-166991.1.nilsbull@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

Gang,

Here I am sitting here writing a note to a bunch of people, many of the more vocal of whom will be in Dayton at least by tomorrow morning. But what the heck!

I have finished (Yeah, right! As if I ever really "finish" any of these projects!) the final fiddling with the LDG Z-11 ATU. I've found that it will tune, at least to its SWR meter, to a 160m. Now the book don't say it should, but I have a bunch of wire up there & it's tunable on other tuners for that frequency range.

Only thing is, all the other SWR bridges around here, except for the TR7, say that the feed line still shows a high SWR when it gets to the shack.

Now I can tune that out with the Z-match box next to the radio. But I still have to wonder . . .

Is it possible (and I see no reason for it not to be so) that the tuner is actually tuning to the 2nd harmonic? If that's the case, then my 160m plans are kinda scotched.

Whatcha say, those who remain at home?

73

Nils

. . . I know I could try the TR7 on it . . . if I can get it down to one watt . . .

-----

Nils R. Bull Young -- El Gringo Errante -- La Estancia de los Guajolotes Sonrientes

<http://www6.50megs.com/w8ijn> -- W8IJN -- <http://members.xoom.com/nilsbull>

"In MY day we had to FIGHT to have signatures! Every DAY was a STRUGGLE!"

-- Comrade Nikolai Sergeievich

McTovarishov, 19 Oct 1917

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<http://dl.www.juno.com/get/tagj>.

-----

Date: Thu, 18 May 2000 16:56:28 -0500

From: Lew Paceley <[lew@paceley.com](mailto:lew@paceley.com)>

To: [w7ox@earthlink.net](mailto:w7ox@earthlink.net), Low Power Amateur Radio Discussion <[qrp-1@Lehigh.EDU](mailto:qrp-1@Lehigh.EDU)>

Subject: [70514] Re: OT: OTHER QRP stuff

Message-ID: <019f01bfc113\$eba287e0\$0332a8c0@roland.swbell.net>

MIME-version: 1.0

Content-type: text/plain; charset="iso-8859-1"

Content-transfer-encoding: 7bit

Most of the LED flashlights sold to amateur astronomers produce a red "beam". While great for preserving night vision it's not so great for illumination purposes. Of course, you could swap out the LED and put a white or yellow one in it but it's probably more trouble than its worth. The one I have is light (weight-wise) but inexpensively constructed of plastic.

I have a little Brinkmann flashlight with a single AAA(?) battery, less than 3 1/2 inches long, weighs a few ounces, aluminum case, adjustable (white)

beam, and it appears waterproof too. It's successfully survived numerous fishing trips and while it's not the brightest flashlight I own, it is the \_most\_ QRP flashlight I possess. I vaguely remember that it's under \$10. I have no hesitation to recommend it for those who need a highly portable QRP flashlight. I have no pecuniary interest in Brinkmann products. My \$.02.

72,

\*Lew\*  
K5LEM

----- Original Message -----

From: Phil Wheeler <w7ox@earthlink.net>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Sent: Thursday, May 18, 2000 4:26 PM  
Subject: Re: OT: OTHER QRP stuff

>  
>  
> "Sly, 9M8SL" wrote:  
>  
> > Okay, how about someone who is more QRP homebrew-inclined,  
> > help to point me to a simple QRP torchlight project. I'm in need of  
> > a low power (QRP compliant type) consumption lights for backpacking  
> > in the woods, say several nights switched-on without changing batteries.  
> >  
>  
> Check astronomy web sites for LED flashlights.  
>  
> Phil

-----  
Date: Thu, 18 May 2000 15:19:30 -0700  
From: Phil Wheeler <w7ox@earthlink.net>  
To: lew@paceley.com  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [70515] Re: OT: OTHER QRP stuff  
Message-ID: <39246C72.B1FBFB47@earthlink.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Lew Paceley wrote:

>  
> Most of the LED flashlights sold to amateur astronomers produce a red  
> "beam".

Mine, from Rigel Systems in CA, has both white and red LEDs and you can switch between them.

Phil

-----  
Date: Thu, 18 May 2000 17:57:43 EDT  
From: Rick McKee <kc8aon@juno.com>  
To: n4xy@att.net, qrp-1@Lehigh.EDU  
Subject: [70516] Re: loosening RCA phono jacks: Loctite or other?  
Message-ID: <20000518.182201.4599.1.kc8aon@juno.com>

THINK - "HOT GLUE" easy to remove, non corrosive, sets instantly (almost), also makes good sealer for antenna connections !!! I use it all the time..

73...Rick McKee KC8AON { CW lives as long as I do ! }  
Willow Wood, Ohio "oo's"  
AR QRP # 269 QRP-L # 2112 ZOMBIE # 718 FPqrp # 33  
TriState BrassPounders # 1

-----  
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-----  
Date: Thu, 18 May 2000 17:53:36 EDT  
From: Rick McKee <kc8aon@juno.com>  
To: myetsko@insydesw.com, qrp-1@Lehigh.EDU  
Subject: [70517] Re: OT: OTHER QRP stuff  
Message-ID: <20000518.182201.4599.0.kc8aon@juno.com>

I work as a technician at a Honda dealership, and as far as the hybrid gas/electric car goes, amateur radios should not bother this one anymore than other cars on the market today. The electric booster unit is basically a combo generator/motor unit that is between the transmission and engine and should not be affected by rf. On the other hand, I don't know at this time if the unit will cause interference to the radio or not ! As for the question if there is room for radio equipment or not, well

my 6'3'' 350 pound frame fits in it quite comfortably with room to spare. This car is "QRP'', it only weights about 2200 pounds and has an aluminum frame !

73...Rick McKee KC8AON { CW lives as long as I do ! }  
Willow Wood,Ohio "oo's"  
AR QRP # 269 QRP-L # 2112 ZOMBIE # 718 FPqrp # 33  
TriState BrassPounders # 1

-----  
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<http://dl.www.juno.com/get/tagj>.

-----  
Date: Thu, 18 May 2000 14:42:28 -0400  
From: "Edward A Kwik jr" <eakwikjr@hti.com>  
To: QRP-L Discussion <qrp-l@Lehigh.EDU>  
Subject: [70518] MI QRP Net  
Message-ID: <39243994.E7357F17@hti.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

This week we had only one check in, Tim, K8NWD. The conditions were poor with lots of static crashes. The storms and getting ready for Dayton kept everyone away ( I hope).

Reminder:  
The Michigan QRP Net meets Tuesday nights at 9:00pm EDT at 3.535 MHz.  
That is 0100 UTC Wednesday night. NCS is AB8DF. All check ins are welcome.

Ed Kwik AB8DF Waterford, MI

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End of QRP-L Digest 1825

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